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54 **Infection-resistant compositions, medical devices and surfaces and methods for preparing and using same.**

57 A method of preparing an infection-resistant medical device comprising one or more matrix-forming polymers selected from the group consisting of biomedical polyurethane, biomedical silicones and biodegradable polymers, and antimicrobial agents,

especially a synergistic combination of a silver salt and chlorhexidine (or its salts); also disclosed are medical devices having the synergistic composition therein or compositions thereon.

**EP 0 328 421 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP-A-0 190 504 (JOHNSON MATTHEY) * Page 6, lines 11-19,21-26; page 8, lines 15-18; page 12, line 16 - page 13, line 6; claims *	1-3,6-7 ,11,13, 15,18- 19	A 61 L 29/00 A 61 L 31/00 A 61 L 27/00
Y	---	8-10,16 ,20,29- 31	A 61 L 15/03 A 61 L 17/00
Y	JOURNAL OF APPLIED BACTERIOLOGY, vol. 45, 1978, pages 397-405, The Society for Applied Bacteriology; L.B. QUESNEL et al.: "Synergism between chlorhexidine and sulphadiazine" * Page 401, last paragraph - page 404 *	8-10,16 ,20,29- 31	
A	EP-A-0 207 624 (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK) * Claims * & US-A-4 612 337 (Cat. D)	36-37	
A	WO-A-8 602 006 (BAXTER TRAVENOL)		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A,D	US-A-3 987 797 (M. STEPHENSON)		
E	WO-A-8 904 674 (BIOCON OY) * Claims *	1-11	A 61 L 29 A 61 L 31 A 61 L 27 A 61 L 17 A 61 L 15
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-05-1990	Examiner COUSINS-VAN STEEN G.I.L.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	